

324342 to 324423—Continued

324374 to 324381—Continued

324378. Col. No. 52. Local name: Guaje. Near Oaxaca City, Oaxaca. Cultivated trees to 8 m., whitish bark, horizontally striate; 30 to 55 pairs pinnae, 50 to 100 pairs leaflets, 1 by 3–4 mm. densely arrayed; stems fluted; pods 2 by 15 cm.; seeds 8 mm. in diameter, rounded; sun red in leaf rachis; petiole less than 2 cm., large, elongate, red gland at base of first pair pinnae.

324379. Col. No. 53. Local name: Guaje. Ten km. north of Oaxaca City, Oaxaca. Trees cultivated. More or less typical; 43 pairs pinnae, 75 pairs leaflets; large gland between basal pair leaflets; glands between 5 uppermost pairs leaflets.

324380. Col. No. 56. On road to San Juan del Estado, 20 km. north of Oaxaca City, Oaxaca. Cultivated and wild. Tree to 6 m., vigorous.

324381. Col. No. 59. Oaxaca City, Oaxaca. Cultivated trees to 12 m.; ultimate height depends on cultural conditions. Trees dwarfed by apparent poor nutrition and by flowering and fruiting during the dry season.

324382 to 324390. *LEUCAENA LANCEOLATA* S. Wats.

324382. Col. No. 37. Salto de Agua, 11 km. south of Santiago Tuxtla, Veracruz. Elevation 100 m. Shrub to 2 m., leaves and pods typical of species.

324383. Col. No. 42. Local name: Guaje. Two km. west of Jalapa; backyard plant. Tree to 6 m., glabrous, resembles *L. leucocephala*. Leaves contain 3–4 pairs pinnae, 4–5 pairs leaflets; size variable, two 20–45 mm. long by 1 to 2.5 mm. wide. Flower heads to 1.5 cm. in diameter, white. Pods glabrous 2 by 15 cm., seeds elongate, large, not rounded. Anthers pubescent. Young pods eaten by natives.

324384. Col. No. 43. Two km. west of Puente Nacional. See P.I. 324383.

324385. Col. No. 48. River bed, 15 km. southwest of Dos Rios, Veracruz, southwest of Jalapa. Willowy trees to 5 m. high. Insect-infested pods. Resembles P.I. 324383.

324386. Col. No. 49. Dry hillside near locale of P.I. 324385 river bed, 15 km. southwest Dos Rios, Veracruz, southwest of Jalapa.

324387. Col. No. 51. Plan del Rio, 21 km. southwest of Dos Rios, Veracruz, southwest of Jalapa. Trees small, scattered on dry hillside.

324388. Col. No. 134. One km. south of Mazatlan, Sinaloa. Elevation 30 m. Dry hillside. Plant to 4 m., leaflets 2 cm. long. Leaves with 3 pairs pinnae, 5 pairs leaflets. Very few seeds in old pods. Trees also cultivated.

324389. Col. No. 146. Mazatlan, Sinaloa, dry open slopes. Elevation 100 m. Small trees; cultivated and wild.

324390. Col. No. 147. See P.I. 324389.

324391 to 324412. *LEUCAENA LEUCOCEPHALA* (Lam.) de Wit

324391. Col. No. 9. Five km. west of Zacatepec, open dry plain. Cultivated. Elevation 1,040 m. Trees typical; weak; to 4 m. high, some to 25 cm. diameter. Flowers, pods in all stages of maturity. Mixed stand with *L. esculenta*.

324392. Col. No. 11. One km. south of Temilpa Nuevo, north of Zacatepec, Morelos. Elevation 1,000 m. Tree to 6 m.; very thin pods, larger number seeds per pod.

324393. Col. No. 17. Two km. north of Ajalpan, south of Tehuacan, Puebla. Elevation 1,200 m. Plants typical; cultivated.

324394. Col. No. 18. Three km. south of Zinacatepec, Puebla. Tree very tall, vigorous. All *L. leucocephala* at this location were in late pod.